

Express Mail No. EV 334 000 229 US

INFORMATION DISCLOSURE STATEMENT		
Address to:	Attorney Docket	UCAL-062CON2
Mail Stop Patent Application	First Named Inventor	PRUSINER, STANLEY B.
Commissioner for Patents	Application Number	To Be Assigned
P.O. Box 1450	Confirmation No.	To Be Assigned
Alexandria, VA 22313-1450	Filing Date	Herewith
	Group Art Unit	To Be Assigned
	Examiner Name	To Be Assigned
	Title:	"SOMATIC CELLS WITH ABLATED PRP GENE AND METHODS OF USE"

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Copies of form PTO-1449 and 892 listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All of the references identified herein were disclosed in parent application serial number 09/829,507, filed 4/9/2001 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).

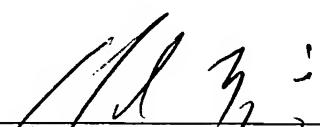
This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. UCAL-062CON2 may be charged thereon.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: 6/FEB/04

By:


Karl Bozicevic
Registration No. 28,807

BOZICEVIC, FIELD & FRANCIS LLP
200 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 327-3400
Facsimile: (650) 327-3231

Notice of References Cited		Application/Control No.	Applicant(s)/Patent Under Reexamination	
		09/829,507	PRUSINER, STANLEY B.	
Examiner		Art Unit		Page 1 of 1
Stephen L. Rawlings, Ph.D.		1642		

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-			
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	Oancea AE, et al. J Immunol 1995 Dec 15; 155 (12):5678-83.
V	Wetley FR, et al. Science 2002 Aug 30; 297: 1521-1525.
W	
X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

SUPPLEMENTAL INFORMATION DISCLOSURE CITATION (001261000000/ QFKGFI) <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO. UCAL-062CON	SERIAL NO. 09/829,507
		APPLICANT Stanley B. Prusiner et al.	
		FILING DATE April 9, 2001	GROUP 1646

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
AA	WO 00/26238	05/11/2000	PCT			Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

F:\DOCUMENT\UCAL 001 - 078\062CON\Supp IDS - 1449.doc

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket	06510/062CON
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor		Stanley B. Prusiner	
		Application Number		09/829,507	
		Filing Date		April 9, 2001	
		Group Art Unit		1646	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,182,366	01/26/93	Huebner et al.			
	AB	5,387,746	02/07/95	Whitsett			
	AC	5,420,246	05/30/95	Rutter et al.			
	AD	5,552,381	02/28/96	Atkinson			
	AE	5,565,186	10/15/96	Prusiner et al.			
	AF	5,605,691	09/29/93	Carroll			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AG	WO 93/10277	05/27/93	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AH	Brown et al., "Prion protein-deficient cells show altered response to oxidative stress due to decreased SOD-1 activity," <i>Experimental Neurology</i> 146:104-112 (1997)	
AJ	Büeler, H., et al "Normal development of mice lacking the neuronal cell-surface PrP protein" <i>Nature</i> 356, 577-582 (1992)	
AK	Capecchi, M.R., "Site directed mutagenesis by gene targeting in mouse embryo derived stem cells," <i>Cell</i> 51:503-512 (1987)	
AL	B.W. Caughey, et al., "Secondary structure analysis of the scrapie-associated protein PrP 27-30 in water by infrared spectroscopy," <i>Biochemistry</i> 30, 7672-7680 (1991)	
AM	B. Caughey, et al., "Aggregates of scrapie-associated prion protein induce the cell-free conversion of protease-sensitive prion protein to the protease-resistant state," <i>J. Chem. Biol.</i> 2, 807-817 (1995)	
AN	Chazot, et al., "New variant of Creutzfeldt-Jacob disease in a 26-year old French man," <i>Lancet</i> 347:1181 (1996)	
AO	F.E. Cohen, et al., "Structural clues to prion replication," <i>Science</i> 264:530-531 (1994)	
AP	M. Fischer, et al., "Prion protein (PrP) with amino-proximal deletions restoring susceptibility of PrP knockout mice to scrapie," <i>EMBO J.</i> 15:1255-64.	
AQ	R. Gabizon, et al., "Properties of scrapie prion protein liposomes," <i>J. Biol. Chem.</i> 263:4950-4955 (1988)	
AR	Gabriel et al., "Molecular cloning of a candidate chicken prion protein," <i>Proc. Natl. Acad. Sci. USA</i> 89:9097-9101 (1992)	
AS	M. Gasset, et al., "Predicted α -helical regions of the prion protein when synthesized as peptides form amyloid," <i>Proc. Natl. Acad. Sci. USA</i> 89:10940-10944 (1992)	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket	06510/062CON
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Stanley B. Prusiner	
		Application Number	09/829,507	
		Filing Date	April 9, 2001	
		Group Art Unit	1646	

	AT	M. Gasset, et al., "Perturbation of the secondary structure of the scrapie prion protein under conditions that alter infectivity," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :1-5 (1993)
	AU	D.A. Kocisko, et al., "Cell-free formation of protease-resistant prion protein," <i>Nature</i> <u>370</u> , 471-474 (1994)
	AV	Harlow et al., <i>Antibodies: A Laboratory Manual</i> , Cold Spring Harbor Laboratory pp. 148-155 (1988)
	AW	J.W. Herms et al., "Patch clamp analysis of synaptic transmission to cerebellar Purkinje cells of prion protein knockout mice," <i>Eur. J. Neuroscience</i> <u>7</u> :2508-2512 (1995) (Abstract)
	AX	Z. Huang, et al., "Proposed three-dimensional structure for the cellular prion protein," <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :7139-7143 (1994)
	AY	Z. Huang, et al., "Scrapie prions: a three-dimensional model of an infectious fragment," <i>Folding & Design</i> <u>1</u> :13-19 (1996)
	AZ	C. Locht, et al., "Molecular cloning and complete sequence of prion protein cDNA from mouse brain infected with the scrapie agent," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> : 6372-6276 (1986)
	BA	I. Mehlhorn, et al., "High-level expression and characterization of a purified 152-residue polypeptide of the prion protein," <i>Biochemistry</i> <u>35</u> :5528-5537 (1996)
	BB	R.K. Meyer, et al., "Separation and properties of cellular and scrapie prion proteins," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> :2310-2314 (1986)
	BC	J. Nguyen, et al., "Prion protein peptides induce α -helix to β -sheet conformational transitions," <i>Biochemistry</i> <u>34</u> :4186-4192 (1995)
	BD	K.M. Pan, et al., "Conversion of α -helices into β -sheets features in the formation of the scrapie prion proteins," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10962-10966 (1993)
	BE	S.B. Prusiner, et al., "Further purification and characterization of scrapie prions," <i>Biochemistry</i> <u>21</u> :6942-6950 (1982)
	BF	S.B. Prusiner, et al., "Scrapie prions aggregate to form amyloid-like birefringent rods," <i>Cell</i> <u>35</u> :349-358 (1983)
	BG	S.B. Prusiner, et al., "Purification and structural studies of a major scrapie prion protein," <i>Cell</i> <u>38</u> :127-134 (1984)
	BH	S.B. Prusiner et al., <i>Science</i> Vol. 252, pp. 1515-1522 (June 14, 1991)
	BI	S.B. Prusiner et al., "Ablation of the prion protein (PrP) gene in mice prevents scrapie and facilitates production of anti-PrP antibodies," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10608-10612 (1993)
	BJ	R. Riek, et al., "NMR structure of the mouse prion protein domain PrP(121-231)," <i>Nature</i> <u>382</u> :180-182 (1996)
	BK	M. Rogers, et al., "Epitope mapping of the syrian hamster prion protein utilizing chimeric and mutant genes in a vaccinia virus expression system," <i>J. Immunol.</i> <u>147</u> :3568-3574 (1991)
	BL	M. Rogers, et al., "Conversion of truncated and elongated prion proteins into the scrapie isoform in cultured cells," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :3182-3186 (1993)
	BM	Sauer et al., <i>Proc. Natl. Acad. Sci. USA</i> , <u>85</u> :5166-5170 (July 1988)
	BN	Sauer et al., <i>The New Biologist</i> , Vol. 2, 441-449 (May 1990)
	BO	J. Safar, et al., "Conformational transitions, dissociation, and unfolding of scrapie amyloid (prion) protein," <i>J. Biol. Chem.</i> <u>268</u> :20276-20284 (1993).
	BP	M. Scott, et al., "Prion protein gene expression in cultured cells," <i>Protein Engineering</i> <u>2</u> :69-76 (1988)
	BQ	M.R. Scott, et al., "Chimeric prion protein expression in cultured cells and transgenic mice," <i>Protein Sci.</i> <u>1</u> :986-997 (1992)
	BR	Shigematsu et al., <i>J. Biol Chem</i> <u>267</u> (30):21329-37 (October 25, 1992)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket	06510/062CON
		First Named Inventor	Stanley B. Prusiner
		Application Number	09/829,507
		Filing Date	April 9, 2001
		Group Art Unit	1646

	BS	N. Stahl, et al., "Scrapie prion protein contains a phosphatidylinositol glycolipid," <i>Cell</i> <u>51</u> :229-240 (1987)
	BT	Strandberg et al., <i>Appl. Environ. Microbiol.</i> <u>57</u> (6):1669-74 (June 1991)
	BU	Tagliavini et al., <i>Biochemical & Biophysical Research Communications</i> Vol. 184, pp. 1398-1404 (May 15, 1992)
	BV	A. Taraboulos, et al., "Acquisition of protease resistance by prion proteins in scrapie-infected cells does not require asparagine-linked glycosylation," <i>Proc. Natl. Acad. Sci. USA</i> <u>87</u> : 8262-6.
	BW	A. Taraboulos, et al., "Cholesterol depletion and modification of COOH-terminal targeting sequence of the prion protein inhibit formation of the scrapie isoform," <i>J. Cell Biol.</i> <u>129</u> :121-132 (1995)
	BX	E. Turk, et al., "Purification and properties of the cellular and scrapie hamster prion proteins," <i>Eur. J. Biochem.</i> <u>176</u> :21-30 (1988)
	BY	R.G. Will, et al., "New variant of Creutzfeldt-Jacob disease in the UK," <i>Lancet</i> <u>347</u> , 921-925 (1996)
	BZ	R.A. Williamson, et al., "Circumventing tolerance to generate autologous monoclonal antibodies to the prion protein," <i>Proc. Natl. Acad. Sci. USA</i> <u>93</u> :7279-7282 (1996)
	CA	C.S. Yost, et al., "Non-hydrophobic extracytoplasmic determinant of stop transfer in the prion protein," <i>Nature</i> <u>343</u> :669-672 (1990)
	CB	Zhang et al., <i>J. Biol. Chem.</i> <u>269</u> (45):27799-27802 (November 11, 1994)
	CC	H. Zhang, et al., "Conformational transitions in peptides containing two putative α -helices of the prion protein," <i>J. Mol. Biol.</i> <u>250</u> :514-526 (1995)

F:\DOCUMENT\6510\062CON\IDS - 1449 form.doc

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	